1st and Final E-Bill

Recorded on:- 12/06/2024

Job Number:- 002-24-000004

modified Cost Rs. 26.11 Lakhs

M. A. R. 57 (Rule 116) No. E

Measurement Book

Work order No:- BBMP/EE/YNK.D/EPMT-10/W.O/16/2023-24, Date 06/03/2024

Serial No. 130201

Name of work Construction of R.O plant and other development works at JPN Colony Centre, block no 89/1, 89/2 in Chowdeshwari ward No-02 of Yelahanka Subdivision.

Name of Contractor or nature of Agency SRI. AKSHAY KUMAR H.B (AKSHAY CONSTRUCTIONS) No-209, Honnenahalli village Doddaballapura main Road, Yelahanka Bangalore-560064.

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	(1) Earth work excavation by manual means for drains, Canals, waste weir, draft, approach channels, key trenches foundation of bridges and such Similar works in all kinds of Soils, as per drawing and technical Specifi cations.						
	Quantity vide E-Bill:-					123.55 m^3	27,854.23
	@ Rs.					225.45	
	(2) Providing and laying in position plain cement Concrete for levelling Course for all works in foundation. The granite/trap/basalt Crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150mm thickness etc as per Specifi cations.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
						Quantity vide, E-Bill:- 1.15 m^3 @RS. 6576.38	7506.87
	③ Providing and laying in position Reinforced Cement Concrete for all sub structures of building. irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50m height. etc as per Specifications.						
						Quantity vide, E-Bill:- 1.08 m^3 @RS. 6906.10	7491.39
	④ Filling available excavated earth (excluding rock) in trenches, plinth sides of foundations and other similar works etc, in layers not exceeding 20cm in depth, Consolidating each deposited layer by ramming and watering. lead upto 50m						

M. A. R. 57 (Rule 116)
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No. E

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

130202

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	-and lift up to 1.5m etc as per Specifications. Quantity vide E-Bill :- 113.89 m³ @Rs. 181.26					113.17 20516.82	
	⑤ Loading and unloading of Stone Boulder/stone aggregates/Sand/Kankar moorum. (Tipper 14m³). Quantity vide, E-Bill :- 236.75 m³ @Rs. 97.43					23,066.55	
	⑥ Cost of Haulage excluding Loading and unloading Taking output lot load and lead 10 Kms = 100 t-Kms etc & per Specifications. Quantity vide E-Bill :- 303.04 T-Km @Rs. 121.12					36,704.20	

Reference to last Measurement 8

7506.87
Concrete & Sub allel tions.
491.39
trenches, & etc, each to 50m

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(7) Providing and laying in position Reinforced Cement Concrete for all Sub structures of building, irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50mm to 3.50mm height. etc as per Specifications.						
	Quantity vide E-Bill:-					8.81 m³ @Rs. 7706.96	67,894.46
	(8) Providing and laying in position Reinforced Cement Concrete for all Super structures of building, Road works, water works, irrigation works & Super structure works of bridges upto 3.50mm height. etc as per Specifications.						
	Quantity vide E-Bill:-					1.24 m³ @Rs. 8090.19	10,046.40

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Serial No. .....

Name of work .....

Name of Contractor of nature of Agency..... From ..... To .....

130203

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	⑨ Providing and laying in position Reinforced cement Concrete for all Super structures of building. Road works, water works, irrigation works & Super structure works of bridges up to 3.50 m height. ck as per Specifications.						
	Quantity vide E-Bill :-					0.55 m^3	
						@Rs. 8825.67	4854.12
	⑩ Providing and laying in position Reinforced cement Concrete for all Super structures of building. Road works, water works, irrigation works & Super structure works of bridges up to 3.50 m height. ck as per Specifications.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Quantity vide, E-Bill:- 2.01 m³ @RS. 8825.67					17,739.60
	(11) Providing and laying in position Reinforced Cement Concrete for all Super Structures of building, Road works, water works, irrigation works & Super Structure works of bridges upto 3.50m height. etc as per Specifications.						
		Quantity vide, E-Bill:- 0.98 m³ @RS. 6713.51					8684.46
	(12) Providing and laying in position plain Cement Concrete for levelling Course for all works in foundation. The granite/trap/basalt Crushed graded Coarse aggregates and fine aggregates as per relevant IS Codes machine mixed etc as per Specifications.						

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Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

130204

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide E-Bill :-				1.67 m³	11,238.42
(13)	Providing Thermo-mechanically Treated bars of grade Fe-550 steel reinforcement for Rcc work including straightening, cutting, bending placing in position, binding and anchoring to adjacent reinforcements wherever necessary Complete as per specifications.					CRS. 6713.57	
	Quantity vide E-Bill :-					2036.17 kg	
(14)	Providing and Constructing load bearing walls with Solid Concrete blocks					CRS. 108.76	2,21,454.18

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	of size 400x200x200 mm having block density not less than 1800 kg/mm³ having a minimum average compressive strength 5.00 N/mm² confirming to IS 2185 (part 1): 2005 etc as per specifications.						
	Quantity vide E-Bill:- 41.86 m²						
	CRS. 1484.09						62,127.72
(15)	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density more than 1800 kg/mm³ and minimum compressive strength of 4.00 N/mm² confirming to IS 2185 (Part-1) - 2005 etc as per specifications.						
	Quantity vide E-Bill:- 9.96 m²						
	CRS. 1394.59						13,890.12

Reference to last Measurement 8

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M. A. R. 57 (Rule 116)
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No. E

130205

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency..... From ..... To .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(16) Providing 18mm cement plaster in two coats under layer 12mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) and a top layer 6mm thick cement plaster with cement mortar 1:3 (1 cement : 3 coarse sand) finished etc as per specifications.						
	Quantity vide, E-Bill :-					75.15 m²	
	@RS.					436.16	32,778.51
	(17) Providing 12mm thick cement plaster in single coat with cement mortar 1:4. to brick masonry including rounding off corners wherever required smooth rendering etc as per specifications.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
						Quantity vide, E-Bill:- 50.85 m²	
	(18) Providing and applying white Cement based putty of average thickness 1mm. of approved brand and manufacturer, over the placed wall surface to prepare the surface even and smooth Complete as per Specifications.					@Rs. 365.92	18,607.03
						Quantity vide, E-Bill:- 50.85 m²	
	(19) painting with Synthetic enamel paint of approved brand and manufacture to give an even shade: Two coats on new work after Throughly brooming the surface to remove all					@Rs. 113.29	5760.80

Serial No. .....
Name of work .....
Name of Contractor of nature of A
Date of commencement of work...

Date	Full description, etc, of w 2
	dirt, dust, mortar Surface even and as per Specifica
	(20) Providing external applied uniformly of all materials and all lead and lift

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Serial No. .....

M. A. R. 57 (Rule 116)
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No. E

Name of work .....

Name of Contractor of nature of Agency..... From ..... To .....

Date of commencement of work.....

130206

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications						
	Quantity vide, E-Bill:-					51.48 m²	
						@Rs. 130.28	6706.81
(20)	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading all lead and lift and all other incidental charges etc as per specifications.						
	Quantity vide, E-Bill:-					65.51 m²	
						@Rs. 201.65	13,210.09

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(21) Providing and laying 52mm thick cement concrete flooring with concrete hardener topping under layer 40mm thick cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardner consisting of mix 1:2 etc as per specifications.						
	Quantity vide, E-Bill:- 11.34 m²						
	CRS. 906.31						10,277.56
	(22) Providing and fixing 1st quality ceramic glazed floor tiles confirming to IS: 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy, bottle green, blocks of any size as approved						

Serial No. .....

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Name of work .....

Name of Contractor of nature of Agency..... From ..... To .....

Date of commencement of work.....

130207

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	by engineer-in-charge, clear per Specifications.						
	Quantity vide, E-Bill :- 0.75 m²						
	CRS. 1252.98						939.74
(23)	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per Specifications.						
	Quantity vide, E-Bill :- 5.58 m²						
	@RS. 1641.56						9159.90

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(24)	Providing and fixing m.s grills of required pattern in frames of windows etc, with m.s. flats. Square or round bars etc including priming Coat with approved steel primer all Complete as per Specifications.						
	Quantity vide E-Bill:- 14.17 Kg's					CRS. 207.32	2937.72
(25)	Painting steel work with Deluxe multi. Surface paint to give an even shade. Two Coat applied @ 0.90 ltrs/10m2 over an under Coat of primer applied @ 0.80 ltrs/10m2 of approved brand and manufacture as per Specifications.						

Serial No. .....
Name of work .....
Name of Contracto
Date of commence

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(26) Providing
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minimum
-C Elastomer

Reference to last Measurement
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Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

130208

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1.	2	3	4	5	6	7	8
		Quantity vide E-Bill:-				0.67 m²	
		CRS.				157.47	105.50
(26)	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered upvc (matching to RAL-9016) Sections and with minimum TiO2 (Titanium Dioxide) at 6PHR with TPE (Thermo plastic -C Elastomer) and lead free, gaskets, grey colour etc as per Specifications.						
		Quantity vide E-Bill:-				5.17 m²	
		CRS.				7628.88	39403.17

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(27)	Providing and laying water proofing treatment to the water tanks & liquid Retaining structures with two Compo -nent acrylic polymer modified cementitious waterproofing membrane with minimum elongation of 50% applied @ 1.5 Kg/m2 coats per Specifications.						
	Quantity vide E-Bill: 3.60 m2						
	CRS. 574.38						2067.77
(28)	Providing and fixing on wall face unplasticised rigid pvc rain water pipes Confirming to IS 13592 Type A including jointing with seal ring Confirming to IS:5382 coats per Specifi -cations.						

Serial No. .....
Name of work .....
Name of Contractor of natu
Date of commencement of

Date 1	Full description, 2
(29)	Providing an Liquid Retain Cementitious applied @1.5 Kg/
(30)	Supplying and Size m.S. bat

Serial No. .....

M. A. R. 57 (Rule 116)
Measurement Book

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Name of work .....

Name of Contractor of nature of Agency..... From ..... To .....

Date of commencement of work.....

130209

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide, E-Bill:-				7.20 Rmtr	
(29)	Providing and laying water proofing treatment to the water tanks & Liquid Retaining Structures with two Component acrylic polymer modified Cementitious Waterproofing membrane with minimum elongation of 50% applied @1.5 Kg/m2 etc as per Specifications.	CRS. 329.67					2373.62
		Quantity vide, E-Bill:-				27.90 m2	
(30)	Supplying and fixing rolling shutters of approved make, made of required size m.s. latths, interlocked together through their entire lengths and	CRS. 574.38					16,025.20

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guids and arrangements for inside and outside locking with push and pull operation complete as per Specifications.						
	Quantity vide E-Bill:- 4.09 m²					CRS. 2982.90	12,185.15
(31)	Providing and placing on terrace (at all floor levels), polyethylene water storage tanks as per IS 12701 marked, with Cover and suitable locking arrangement and making necessary holes for inlet, outlet and over flow pipes cleans per specifications.						
	Quantity vide E-Bill:- 2000.00 Ltr					CRS. 10.20	20,400.00

Serial No. .....
Name of work .....
Name of Contractor
Date of commenceme

Date	Full descri
1	
(32)	Supplying Comprising with pump cations.
(33)	PTMT grat

Reference to last Measurement 8
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Serial No. .....

Name of work .....

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Date of commencement of work.....

130210

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(32)	Supplying and installation of 2000 LPH RO drinking water treatment plant Comprising of raw water storage tank, anti scalling dosing system with pump & tank sand filler activated carbon filter etc as per Specifications.						
	Quantity vide, E-Bill :-					1.00 NO	
						CRs. 108139500	108139500
(33)	PTMT grating 100mm dia.						
	Quantity vide, E-Bill:-					3.00 NOS	
						CRs. 18.13	54.39

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(34)	Providing and fixing brass bib Cock of approved quality. 20mm nominal bore.						
	Quantity vide E-Bill:-	4.00 Nos					
		CRS. 345.53					1382.12
(35)	Providing and fixing brass stop cocks of approved quality. 20mm nominal bore.						
	Quality vide E-Bill:-	4.00 Nos					
		CRS. 345.53					1382.12
(36)	Providing and fixing ball valve (brass) of approved quality. High or low pressure, with plastic floats Complete. 20mm nominal bore.						

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wo

Date 1	Full description, etc 2
(37)	Providing and Confirming to water supply ch
(38)	Providing and water pipes Com

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No. E

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency..... From ..... To .....

Date of commencement of work.....

130211

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quality vide, E-Bill :-				6.00 Mtr	
(37)	Providing and fixing chlorinated poly vinyl chloride (CPVC) pipes Confirmming to IS 15778, having Thermal stability for hot and cold water supply clear per Specifications.					CRS. 355.73	2134.38
		Quantity vide, E-Bill :-				30.00 Mtr	
(38)	Providing and fixing on wall face unplasticised rigid pvc rain water pipes Confirmming to IS 13592 Type A etc as per Specifications.					@Rs. 429.37	12881.10

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Quantity vide E-Bill:- 7.20 mtr				
(39)	Supply and delivery of Centrifugal pumpset at site brand new best make and with discharge duty Conforming to ISI standards and its latest ammendments 2HP, size 50x40 head 22m. Discharge 186 Lpm clear as per Specifications.					CRS. 329.67	2373.62
	Quantity vide E-Bill:- 1.00 NO						
(40)	open Conduit System: supplying heavy guage PVC Conduit pipe --- dia Conforming to IS 2509 with suitable size bends, plugs					CRS. 19,791.59	19,791.59

Serial No. .....
Name of work .....
Name of Contractor of
Date of commencement

Date	Full descriptio
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	in Case of R
	in Case of b
	heavy gauge
	ii) 19/20 mm d
(41)	Supplying and
	made of not
	necessary mat

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Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

130212

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
1	2	3	Length 4	Breadth 5	6	7	8
	in Case of Rcc Ceiling and Rcc wall stone structure or rawl plugs in Case of brick walls and Cement plastering damaged portion using heavy gauge Saddles at an interval of 600 mm using MF Screws a) 19/20 mm dia 2 mm Thick. Quantity vide E-Bill :- 1145.00 mtr						
(41)	Supplying and flush mounting teak wooden box without front plank, made of not less than 15 mm thick wood, after due groove cutting necessary masonry patch work complete. d) 8"x6"x3" (203x152x76 mm)				CRS. 71.06		10,303.70

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Quantity vide, E-Bill:- 2.00 nos					CRS. 88.57	177.14
(42)	Point wiring using Copper wire with Switch Supplying and wiring adopting loop System in existing PVC Conduit/Casing Caping using Copper PVC insulated multi Strand 2X1.5 Sqmm Copper wire etc as per Specifications.						
	Quantity vide, E-Bill:- 2.00 nos					CRS. 293.57	587.04
(43)	point wiring using Copper wire with Switch Supplying and wiring adopting loop System in existing PVC Conduit/Casing Caping using Copper PVC insulated multi strand 2X1.5 Sqmm Copper						

Serial No. .....
Name of work .....
Name of Contracto
Date of commence

Date 1	Full des
	wire w
(44)	point wi adopting copper PVC tions.

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No. E

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency..... From ..... To .....

Date of commencement of work..... 130213

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	wire with a 6 Amps flush type sp Control switch etc as per specifications.						
	Quantity vide, E-Bill:- 2.00 No's						
	CRS. 405.78						811.56
(44)	point wiring using Copper wire with switch supplying and wiring adopting loop system in existing PVC Conduit / casing Caping using Copper PVC insulated multistrand 2X1.5 Sqmm Copper etc as per specifications.						
	Quantity vide, E-Bill:- 6.00 No's						
	CRS. 587.04						3522.24

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(45)	Supplying GA flush/projected type Socket and a 6 amps flush/projected type SP switch either surface/flush mounting in a existing gangbox or in a 4mm Thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary Capacity wires as required b) 6 Amps 3/5 way.						
	Quantity vide E-Bill:- 1.00 NO					CRS. 157.40	157.40
(46)	wiring for lightening/power Circuit using one of FLRS PVC insulated 1100V grade, multis and Copper with low Conductor Single Core Cable in open or Concealed System of wiring. 1 Group A materials. a) 1.5 sqmm.						
	Quantity vide E-Bill:- 140.00 mtr					CRS. 26.78	3749.20

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Measurement Book

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency..... From ..... To 130214

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(47)	wiring for lighting/power circuit using one of FLRS PVC insulated 1100V grade, multis and copper with low Conductor Single Core Cable in open or Concealed Systems of wiring I Group A materials. b) 2.5 Sqmm. Quantity vide E-Bill :- 135.00 mtrs CRS. 43.26						5840.10
(48)	wiring for lighting/power circuit using one of FLRS PVC insulated 1100V grade, multis and copper with low Conductor Single Core Cable in open or Concealed Systems of wiring I Group A materials. c) 4 Sqmm						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Quantity vide E-Bill:-150.00 nos						
	(49) Supplying 4mm Thick plastic sheet with necessary niches for fixing Switches, regulators etc, and fixing on existing wood or metal box using CC screws.					CRS. 64.88	9732.00
	Quantity vide E-Bill:-1500.00 Sq.cm						
	(50) Supplying and fixing retrofit type PL-LED lamp with LED linear source with CCT 6500 degree K. CRI > 70° efficiency > 80 lumens per watt class per Specifications.					CRS. 0.42	630.00

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wo

Date 1	Full description, etc 2
	(51) Supplying and 4mm with low Than T8 lamp on 1350 class per

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No. E

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

130215

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Quantity vide, E-Bill:-				6.00 No's	
						CRS. 722.99	4337.94
	(51) Supplying and fixing of T5 fluorescent tube with 14w power consumption with low 3mg mercury content & below 40% glass content than T8 lamp & 20% less phosphor coating than T8 with initial lumen on 1350 clear per specifications.						
		Quantity vide, E-Bill:-				4.00 No's	
						CRS. 145.22	580.88

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(52)	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with plank made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plug & screws etc as per specifications						
	Quantity vide E-Bill:- 4.00 nos					CRS. 335.88	1343.52
(53)	Supplying and fixing of porcelain fuse channel with cut outs existing wooden/panel using necessary nuts, bolts and washers etc. Complete. a) 32Amps						
	Quantity vide E-Bill:- 6.00 nos					CRS. 248.21	1489.26

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Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

130216

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(54)	Supply of and load charge over switches 4 poles 415V 50Hz A.C Supply with AC23A duty. a) up to 63 amps Group A class per Specifications. Quantity vide E-Bill:-					1.00 Nos CRS. 5643.85	5643.85
(55)	Supplying and fixing miniature Circuit Breakers on existing mcb distribution boards using necessary fixing materials and c type curve indicator ON/OFF energy Gross 3 with short Circuit breaking capacity of 10K and Complete wiring class per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	
		Quantity vide E-Bill:- 1.00 Nos					
	(56) Supplying and fixing miniature Circuite breakers on existing mcb distribution boards using necessary fixing materials and 'c' Type Curve indicator ON/OFF energy Gross with short Circuit breaking Capacity of 10K and Complete wiring as required checks per specifications.					CRS. 3135.02	3135.02
	Quantity vide E-Bill:- 1.00 Nos						
	(57) Supplying fixing and wiring Electronic Trivector meter					CRS 1768.34	1768.34

Serial No. .....
Name of work .....
Name of Contractor of na
Date of commencement o

Date	Full description
1	2
	(ETV) 5to energy met
	(58) Supplying. f Ic cutouts ar dia 2.90 Thick G fications.

M. A. R. 57 (Rule 116)
Measurement Book
No. E

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

130217

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	(ETV) 5 to 32/63A energy meter.	Three phase 4 wire whole current class-1 Accuracy					
		Quantity vide E-Bill:-				1.00 NOS	5875.58
						CRS. 5875.58	
(58)	Supplying. fixing. wiring. earth electrode for grounding Conduits Ic cutouts and other equipments on the meter board using 40mm dia 2.90 Thick GI pipe 2.5mtr long burried in a pit etc as per Specifications.						
		Quantity vide, E-Bill:-				1.00 NOS	
						CRS. 3614.95	3614.95

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(59)	Supplying and running of GI/copper strips for grounding connections using necessary fixing material as revised GI strip 25x3mm etc as per specifications. Quantity vide E-Bill:- 20.00 mtr @RS. 84.45						1689.00
(60)	Supplying and fixing of class A (medium duty) GI pipes of wall thickness not less than 3.25mm on pole/wall/drain Gross-ing with necessary clamping arrangements for UG cable of 1.1KV class a) 40mm. Quantity vide E-Bill:- 4.00 mtr @RS. 345.02						1380.08

Serial No. .....

Name of work .....

Name of Contractor of nature of A

Date of commencement of work....

Date 1	Full description, etc, of w 2
(61)	Supplying and ... using necessary ...
(62)	Supplying of LTUG ... sheathed, galvanish... outer sheathing 1.1...
(63)	Labour charges for ...

Reference to last Measurement 8

grounding
ired GI

39.00

pipes of
rain Gross

ble of

8

M. A. R. 57 (Rule 116)
Measurement Book

No. E

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency..... From ..... To .....

Date of commencement of work.....

130218

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	(61) Supplying and mounting of GI/ copper strips for grounding Connections using necessary fixing materials as required GI strips 25x3mm. Quantity vide E-Bill:- 25.00 mtrs CRS. 77.24 — 1931.00						
	(62) Supplying of LTUG cable having aluminium Conductor pvc insulated sheathed, galvanished steel wired/ steel tap armoured cable with pvc outer sheathing 1.1kv class 1, class A pvc cable d) 4 Core 16 Sqmm. Quantity vide E-Bill:- 25.00 mtrs CRS. 154.49 — 3862.25						
	(63) Labour charges for laying of 1.1kv class UG cable when Supplied						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	agency in existing trench GI pipe/stoneware pipe/on wall/ on pole as required/-In existing trench/duct a) 6 Sqmm to 16 Sqmm.						
	Quantity vide, E-Bill:- 25.00 mtr					CRS. 12.24	306.00
(64)	Digging of trench of 0.6 mm deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc complete. a) in soil (ordinary)						
	Quantity vide, E-Bill:- 20.00 mtr					CRS. 78.27	1565.40
(65)	Supplying and fixing L.T cast iron pot heads suitable for 1.1 KV class UG Cable fitted with necessary bitumen/resulting						

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wo

Date 1	Full description, etc 2
	Compound Coo b) 16 Sqmm.
(66)	Providing and specification a

Serial No. .....

M. A. R. 57 (Rule 116)
Measurement Book

No. E

Name of work .....

Name of Contractor of nature of Agency..... From ..... To .....

Date of commencement of work.....

130219

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Compound Complete with terminals, clamps, bolts, nuts and washers etc b) 16 Sqmm.						
	Quantity vide, E-Bill :- 6.00 Nos						
	@RS. 278.07						1668.42
(66)	Providing and fixing precast RCC slabs as per approved design, specification and direction engineer in charge.						
	Quantity vide, E-Bill :- 124.20 m²						
	@RS. 2133.95						265,036.59
	Total RS:- 2196134.90						

12/06/2024

Asst. Executive Engineer
Yelahanka Sub. Divisor

12/06/2024

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(67)	BBMP Comm charges:-	Add	18% of GST charges				RS:- 395304.28
							11548.00
							18,000.00
			Grand Total				RS:- 26,09,439.18
							2602986.90

CERTIFICATE:-

1) Certified that the above work done is Satisfactory Completed.

2) Certified That The There is no debris have been cleared to Site.

12/06/2024

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangelore

12/06/2024

Reference to last Measurement 8

395,304.28
11548.00
18,000.00
09,439.18
2986.90

Completed.
zed to site.

eerial
Engineer
Division
Zn)
galore

M. A. R. 57 (Rule 116)
Measurement Book

No. E

Serial No. .....

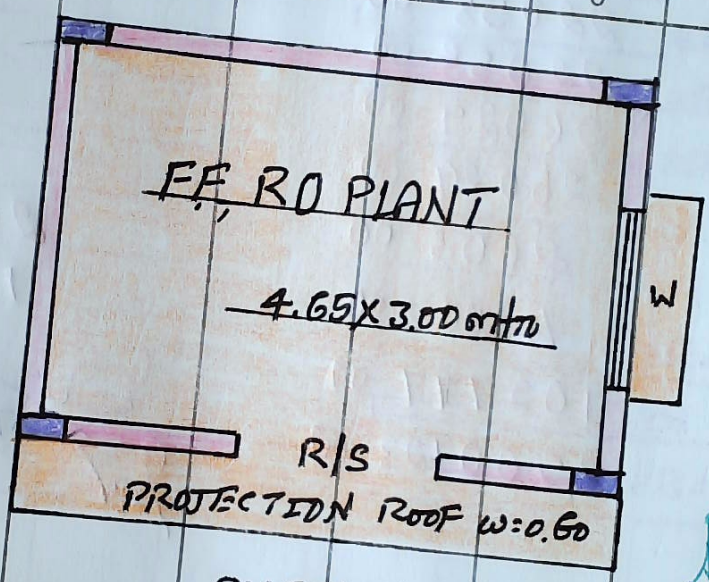
Name of work .....

Name of Contractor of nature of Agency..... From ..... To .....

Date of commencement of work.....

130220

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8



SKETCH :-

INDEX :-

R/S :- 1X1.90X2.15

W :- 1X0.90X1.20

Column :- 4X0.45X0.20

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1		3	4	5	6	7	8
	1st and 2 Final bill					Job Code : 002-24-000004 SBRNO : 008 Date : 14/6/2024	

Gross Amt =Rs 2602900=00
FSD =Rs —
CGST = Rs 22058=00
SGST = Rs 22058=00
IT = Rs 26029=00
LC = Rs 26029=00
CBF = Rs 2603=00
Royalty =Rs 4000=00
T.D. = Rs 102777=00
Net Amt = Rs 2500123=00

Audited & Admitted for Rs. 2602900=00
2500123=00
and Rs. 102777=00 by Cheque
by adjusement

Accts. Supdt
yelahanka Division
BBMP

Exe. Engineer
yelahanka Division
BBMP